

Table 68. Hypertension among persons 20 years of age and over, according to sex, age, race, and Hispanic origin: United States, 1960–62, 1971–74, 1976–80, 1988–94, and 1999–2000 (Updated 11/2002)

[Data are based on physical examinations of a sample of the civilian noninstitutionalized population]

Sex, age, race, and Hispanic origin ¹	1960–62	1971–74	1976–80 ²	1988–94 ³	1999–2000 ³
Percent of population (standard error)					
20 years and over, age adjusted ^{4,5}	---	---	---	27.8 (0.6)	32.8 (1.5)
20 years and over, crude ⁵	---	---	---	26.3 (0.8)	32.2 (1.5)
20–74 years, age adjusted ⁴					
Both sexes ⁵	38.1	39.8	40.4	23.9 (0.6)	28.7 (1.6)
Male	41.3	43.9	45.2	26.4 (0.9)	29.8 (1.9)
Female ⁵	35.0	35.8	35.8	21.4 (0.7)	27.5 (1.7)
White male	40.5	43.1	44.6	25.5 (0.9)	---
White female ⁵	32.8	33.6	33.9	19.7 (0.7)	---
Black male	49.7	55.0	50.7	36.4 (1.2)	---
Black female ⁵	53.5	53.1	50.8	35.9 (0.9)	---
White, non-Hispanic male	---	---	45.0	25.6 (1.0)	28.9 (2.0)
White, non-Hispanic female ⁵	---	---	33.7	19.7 (0.8)	24.7 (2.0)
Black, non-Hispanic male	---	---	50.7	36.5 (1.0)	38.0 (2.9)
Black, non-Hispanic female ⁵	---	---	51.1	36.4 (0.9)	41.0 (2.4)
Mexican male	---	---	25.6	25.9 (1.2)	30.6 (2.6)
Mexican female ⁵	---	---	22.5	22.3 (1.0)	25.0 (1.8)
20–74 years, crude					
Both sexes ⁵	39.0	39.7	39.7	23.0 (0.7)	28.8 (1.5)
Male	41.7	43.3	44.0	24.6 (1.0)	28.9 (1.7)
Female ⁵	36.6	36.5	35.6	21.4 (0.7)	28.6 (1.7)
White male	41.0	42.8	43.8	24.2 (1.0)	---
White female ⁵	34.9	34.9	34.2	20.4 (0.8)	---
Black male	50.5	52.1	47.4	31.4 (1.3)	---
Black female ⁵	52.0	50.2	46.1	30.4 (1.2)	---
White, non-Hispanic male	---	---	44.3	24.9 (1.1)	29.5 (1.8)
White, non-Hispanic female ⁵	---	---	34.4	20.9 (0.9)	27.3 (2.0)
Black, non-Hispanic male	---	---	47.5	31.5 (1.2)	33.4 (3.0)
Black, non-Hispanic female ⁵	---	---	46.1	31.1 (1.2)	38.1 (3.1)
Mexican male	---	---	18.8	17.9 (1.3)	22.8 (2.7)
Mexican female ⁵	---	---	16.7	15.7 (0.8)	19.7 (2.1)
Male					
20–34 years	22.8	24.8	28.9	8.6 (1.0)	*11.8 (2.6)
35–44 years	37.7	39.1	40.5	20.8 (1.7)	19.2 (2.8)
45–54 years	47.6	55.0	53.6	34.0 (2.2)	36.9 (3.3)
55–64 years	60.3	62.5	61.8	42.9 (2.6)	50.7 (4.3)
65–74 years	68.8	67.2	67.1	57.3 (2.5)	68.3 (4.9)
75 years and over	---	---	---	64.2 (2.2)	70.7 (3.2)
Female ⁴					
20–34 years	9.3	11.2	11.1	3.3 (0.6)	*3.1 (0.9)
35–44 years	24.0	28.2	28.8	12.6 (1.1)	18.6 (2.9)
45–54 years	43.4	43.6	47.1	25.1 (2.1)	33.4 (3.4)
55–64 years	66.4	62.5	61.1	44.1 (2.5)	57.9 (3.2)
65–74 years	81.5	78.3	71.8	60.6 (1.6)	73.4 (3.5)
75 years and over	---	---	---	76.5 (1.7)	84.9 (3.2)

* Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error of 20–30 percent.

--- Data not available.

¹The race groups, white and black, include persons of Hispanic and non-Hispanic origin. Conversely, persons of Hispanic origin may be of any race.

²Data for Mexicans are for 1982–84. See Appendix I.

³Standard errors of estimates for 1988–94 and 1999–2000 are shown. 1999–2000 estimates are based on a smaller sample size than estimates for earlier time periods and therefore are subject to greater sampling error.

⁴Age adjusted to the 2000 standard population using 5 age groups except for 1999–2000 estimates, which are age adjusted using 3 age groups (20–39, 40–59, and 60–74 or 60 and over) due to a smaller sample size; however, use of 3 rather than 5 groups had virtually no effect on age-adjusted estimates. See Appendix II, Age adjustment.

⁵Excludes pregnant women.

NOTES: A person with hypertension is defined by either having elevated blood pressure (systolic pressure of at least 140 mmHg or diastolic pressure of at least 90 mmHg) or taking antihypertensive medication. Percents are based on a single measurement of blood pressure to provide comparable data across the 5 time periods. Some data for 1988–94 have been revised and differ from the previous edition of *Health, United States*.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Health and Nutrition Examination Survey, Hispanic Health and Nutrition Examination Survey (1982–84), and National Health Examination Survey (1960–62).